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(54) **"Parametric audio system"**

(57) Ultrasonic signals are used to transmit sounds from a modulated ultrasonic generator (14) to other locations from which the sound appears to emanate. In particular, an ultrasonic carrier is modulated with an audio signal and demodulated on passage through the atmosphere. The carrier frequencies are substantially higher than those of prior systems, e.g. at least 60 kHz, and the modulation products thus have frequencies which are well above the audible range of humans; as a result, these signals are likely to be harmless to individuals who are within the ultrasonic fields of the system. The signals may be steered to moving locations, and various measures are taken to minimise distortion and maximise efficiency.

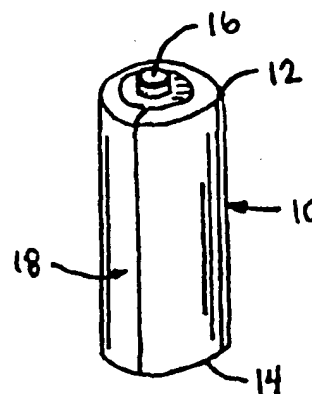


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 99 30 5632

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	-----	12	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04B G10K
The present search report has been drawn up for all claims			
Place of search: THE HAGUE		Date of completion of the search 9 November 2000	Examiner Schneiderbauer, K
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document</p> <p>T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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